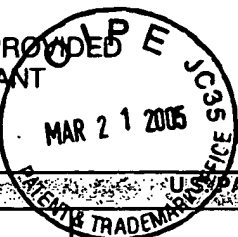


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TH1754 (US)APPLICATION NUMBER  
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J. F. Knifton et al.FILING DATE  
October 1, 2003GROUP ART UNIT  
1621

## REFERENCE DESIGNATION: U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
ML	AA	4,873,378	10/10/89	Murphy et al.	568	867	
	AB	4,873,379	10/10/89	Murphy	568	867	
	AC	5,053,562	10/1/91	Tau	568	867	
	AD	5,030,766	7/9/91	Briggs et al.	568	496	
	AE	5,210,318	5/11/93	Briggs et al.	568	496	
	AF	5,256,827	10/26/93	Slaugh et al.	568	454	
	AG	5,304,686	4/19/94	Slaugh et al.	568	496	
	AH	5,304,691	4/19/94	Arhancet et al.	568	867	
	AI	5,426,249	6/20/95	Haas et al.	568	862	

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation	
	AL					Yes	No
	AM						
	AN						
	AO						

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	
	AS	
	AT	

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- This is not a representation that a search has been made.

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## REFERENCE DESIGNATION

## PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date If Appropriate
ML	BA	5,015,789	5/14/91	Arntz et al.	568	862	
	BB	5,171,898	12/15/92	Arntz et al.	568	862	
	BC	5,276,201	1/4/94	Haas et al.	568	491	
	BD	5,334,778	8/2/94	Haas et al.	568	862	
	BE	5,364,987	11/15/94	Haas et al.	568	866	
	BF						
	BG						
	BH						
	BI						

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
	BL						Yes	No
	BM							
	BN							
	BO							

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	BR	
	BS	
	BT	

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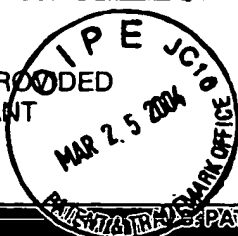
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Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date If Appropriate
ML	AA	Ser. No. 08/550,589	10/31/95	Lam et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
ML	AL	WO 97/16250	5/9/97	World	B01J	31/20		
	AM							
	AN							
	AO							

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

ML	AR	International Search Report of March 2, 2004
	AS	
	AT	

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## U.S. PATENT DOCUMENTS

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Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date If Appropriate
ML	AA	3,511,880	5/12/70	Booth	260	604	
ML	AB	4,242,284	12/30/80	Harris et al.	568	454	
ML	AC	4,861,918	8/29/89	Miller et al.	568	454	
ML	AD	5,744,649	4/28/98	Bryant et al.	568	454	
	AE						
	AF						

## FOREIGN PATENT DOCUMENTS

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							Yes	No
	AL							
	AM							
	AP							

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

ML	AR	"Properties of the Principal Fats, Fatty Oils, Waxes, Fatty Acids and Their Salts," by M. P. Doss, The Texas Company, 1952,
ML	AS	Rodds' Chemistry of Carbon Compounds, p. 87
ML	AT	" $\beta$ -Hydroxypropionic Acid," Organic Synthesis, Collective, Vol. 1, 2nd Edition, p. 321
ML	AU	"Surface-Active Derivatives, Soaps, and Detergents," by W. M. Lynfield
ML	AV	"Complex Formation between Carboxylic Acids and Divalent Metal Cations," by R. Keith Cannan and Andre Kibrick, J. Amer. Chem. Soc., 60, (1938) pp. 2314-2320

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